



FortiManager™

Centralized Security Management



FortiManager

FortiManager 200D, 300D, 1000D, 3900E, 4000E and Virtual Appliances

Centralized Security Management

Take Control of Your Security Infrastructure

The FortiManager family delivers the versatility you need to effectively manage your Fortinet-based security infrastructure. FortiManager drastically reduces management costs, simplifies configuration, and accelerates deployment cycles, whether you are deploying new devices, installing security policies, or distributing updates.

FortiManager also provides crucial timesaving features like device auto-discovery, group management, global policies, auditing facilities, and the ability to manage complex VPN environments. FortiManager, coupled with the FortiAnalyzer™ family of centralized logging and reporting appliances, provides a comprehensive and powerful centralized management solution for your organization.

Key Features & Benefits

Integrated FortiAnalyzer Logging	This allows for a tighter integration and correlation of events and policies. A consolidated platform allows customers to more easily deploy Fortinet management products.
Hierarchical Objects Database	Facilitates reuse of common configurations across the organization in both local and global ADOM levels.
Automated Device Provisioning/ Centralized Policy Configuration	Reduces cost of deploying new FortiGate or FortiClient installations and maintains policies across all managed assets.
Role-Based Administration	Enables distributed administration, an important requirement for larger organizations.
Policy/Device Auditing	Allows you to prove compliance, and track any deviations from the required security policy.
In-View Policy Object Editing	Faster rulebase editing without opening new windows or changing context.
Device Profiles	Aids in mass provisioning of managed devices.

Fortinet's Versatile Management Solution

Networks are constantly evolving due to threats, organizational growth or new regulatory/business requirements. Traditional management products focus on mitigating company-wide threats through firewall policies, firmware updates and keeping content security current.

FortiManager offers enterprise class features to contain these threats, but also provides flexibility to evolve along with your ever-changing network. In addition to being able to manage hundreds or even thousands of FortiGate devices, FortiManager now includes basic FortiAnalyzer logging and reporting functions for administrators who prefer a consolidated management platform.

Key tenets of Fortinet's management versatility:

- Diversity of form factors
- Architectural flexibility
- Highly customizable
- Simple licensing



FortiCare Worldwide 24x7 Support
support.fortinet.com



FortiGuard Security Services
www.fortiguards.com



Fortinet Developer Network
Worldwide Developer Community

HIGHLIGHTS

Administrative Domains (ADOMs) and Global Policy

Enables a primary administrator to create groups of devices for other administrators to monitor and manage:

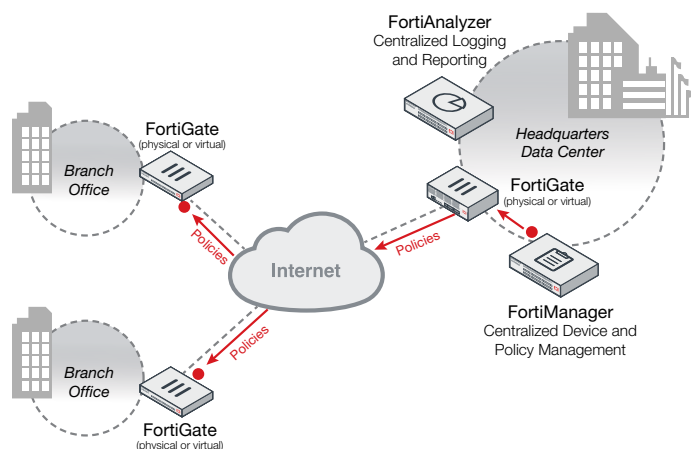
- Administrators can manage devices in their geographic location or business division
- Multiple FortiGate virtual domains (VDOMs) can be divided among multiple ADOMs
- Granular permissions allow assigning ADOMs and policies to particular users
- Administrators can only access devices or VDOMs assigned to them
- Create device configuration templates to quickly configure a new Fortinet appliance
- Within each ADOM, there is a common database of objects shared by all devices and policy packages allowing users to reuse similar configurations among a group of managed assets
- Global Policy capabilities are available on all FortiManager hardware models and virtual machines



Fortinet Developer Network (FNDN)

Access tools, sample code, documentation and interact with the Fortinet developer community by subscribing to the Fortinet Developer Network.

Note: With the purchase of a FortiManager 1000 series or above, customers receive a complimentary 90 day trial access to FNDN.



JSON and XML (Web Services) APIs

- JSON API — Allows MSSPs/large enterprises to create customized, branded web portals for policy and object administration
- XML API — Enables administrators to automate common tasks such as provisioning new FortiGates and configuring existing devices

Locally Hosted Security Content

Hosting security content locally allows the administrator greater control over security content updates and provides improved response time for rating databases. Includes support for:

- Antivirus definition updates
- Intrusion Prevention updates
- Vulnerability and Compliance Management updates
- Web Filtering (select systems)
- Antispam (select systems)

Command and Control

- Manage devices and endpoint agents individually or as logical groups
- Update device firmware
- Discover new devices automatically
- Create, deploy, and monitor virtual private networks
- Delegate control to other users with distributed administration features
- Audit configuration changes to ensure compliance

Monitor, Analyze and Report

- Access vital security and network statistics
- Real-time monitoring and integrated basic reporting provide visibility into network and user activity
- For more powerful analytics, combine with a FortiAnalyzer appliance for additional data mining and graphical reporting capabilities

FortiManager Supported Devices

- FortiGate and FortiCarrier Consolidated Security Appliances
- FortiAP Wireless Access Points
- FortiMail Messaging Security Systems
- FortiWeb Web Application Security
- FortiAnalyzer Reporting and Analysis Appliances
- FortiSwitch Switching Platforms
- FortiSandbox Advanced Threat Protection Appliances

SPECIFICATIONS

FORTIMANAGER APPLIANCES	FORTIMANAGER 200D	FORTIMANAGER 300D	FORTIMANAGER 1000D	FORTIMANAGER 3900E	FORTIMANAGER 4000E
Capacity and Performance					
Devices/VDOMs (Maximum) ¹	30	300	1,000	10,000	4,000
GB/Day of Logs	2	2	2	10	10
Hardware Specifications					
Hardware Form Factor	1 RU Rackmount	1 RU Rackmount	2 RU Rackmount	2 RU Rackmount	2 RU Rackmount
Total Interfaces	4x GE	4x GE	6x GE, 2x GE SFP	2x GE, 2x GE SFP+	4x GE, 2x GE SFP
Console Port	RJ45	RJ45	RJ45	DB-9	DB-9
LCD Display	No	No	No	Yes	Yes
Storage Capacity	1 TB (1x 1 TB)	4 TB (2x 2 TB)	8 TB (4x 2 TB)	15 TB SSD (15x 1 TB SSD)	16 TB (8x 2 TB)
Removable Hard Drives	No	No	Yes	Yes	Yes
RAID Levels Supported	None	RAID 0/1	RAID 0/1/5/10	RAID 0/1/5/6/10/50/60	RAID 0/1/5/6/10/50/60
High Availability Support	Yes	Yes	Yes	Yes	Yes
Redundant Hot Swap Power Supplies	No	No	Yes	Yes	Yes
Dimensions					
Height x Width x Length (inches)	1.8 x 17.1 x 13.9	1.7 x 17.1 x 14.3	3.5 x 17.1 x 14.5	3.5 x 17.2 x 26.9	3.4 x 19 x 29.7
Height x Width x Length (cm)	4.5 x 43.4 x 35.2	4.4 x 43.4 x 36.4	9 x 43.4 x 36.8	8.9 x 43.7 x 68.4	8.7 x 48.2 x 75.5
Weight	13.4 lbs (6.1 kg)	15.9 lbs (7.2 kg)	30.6 lbs (13.9 kg)	52 lbs (23.6 kg)	71.5 lbs (32.5 kg)
Environment					
AC Power Supply	100–240V AC, 50–60 Hz, 6 Amp Maximum	100–240V AC, 50–60 Hz, 4.0 Amp Maximum	100–240V AC, 50–60 Hz, 5 Amp Maximum	100–240V AC, 50–60 Hz, 10 Amp Maximum	100–240V AC, 50–60 Hz, 10 Amp Maximum
Power Consumption (Average / Maximum)	60 W / 72 W	162 W / 172 W	133 W / 160 W	391 W / 470 W	376 W / 561 W
Heat Dissipation	205 BTU/h	666 BTU/h	546 BTU/h	1637 BTU/h	1947 BTU/h
Operating Temperature	32–104°F (0–40°C)	50–95°F (10–35°C)	32–104°F (0–40°C)	50–95°F (10–35°C)	50–95°F (10–35°C)
Storage Temperature	-13–158°F (-25–70°C)	-40–158°F (-40–70°C)	-13–158°F (-25–70°C)	-40–140°F (-40–60°C)	-40–149°F (-40–65°C)
Humidity	5–95% non-condensing	8–90% non-condensing	5–95% non-condensing	5–95% (non-condensing)	20–90% non-condensing
Operating Altitude	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)
Compliance					
Safety Certifications	FCC Class A Part 15, UL/CB/cUL, C-Tick, VCCI, CE	FCC Class A Part 15, UL/CB/cUL, C-Tick, VCCI, CE	FCC Class A Part 15, C-Tick, VCCI, CE, BSMI, UL/CB/cUL	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST

FORTIMANAGER VIRTUAL APPLIANCES	FMG-VM-BASE	FMG-VM-10-UG	FMG-VM-100-UG	FMG-VM-1000-UG	FMG-VM-5000-UG	FMG-VM-U-UG
Capacity						
Devices/VDOMs (Maximum) ¹	10	+10	+100	+1,000	+5,000	Unlimited ²
Storage Capacity ³	100 GB	200 GB	1 TB	4 TB	8 TB	16 TB
GB/Day of Logs ³	1	2	5	10	25	50
Virtual Machine						
Hypervisor Support	VMware ESX/ESXi 4.0/4.1/5.0/5.1/5.5/6.0, Microsoft Hyper-V 2008 R2/2012/2012 R2, Citrix XenServer 6.0+, Open Source Xen 4.1+, KVM, Amazon Web Services (AWS)					
vCPU Support (Minimum / Maximum)	1 / Unlimited					
Network Interface Support (Minimum / Maximum)	1 / 4					
Storage Support (Minimum / Maximum)	80 GB / 16 TB					
Memory Support (Minimum / Maximum)	1 GB / 4 GB for 32-bit and 2 GB / Unlimited for 64-bit					
High Availability Support	Yes					

¹ Each Virtual Domain (VDOM) operating on a physical or virtual device counts as one (1) licensed network device² Limited in software to 10,000 devices/VDOMs³ Storage Capacity and GB/Day of Logs are not stackable. These values represent the maximum available with purchased license.

FortiManager 200D



FortiManager 1000D



FortiManager 4000E



FortiManager 300D



FortiManager 3900E



FortiManager Virtual Appliance

FEATURES

	LOCALLY HOSTED SECURITY CONTENT					MISCELLANEOUS FEATURES		
	Antivirus	Intrusion Prevention	Vulnerability Management	Web Filtering	Antispam Databases	Shelf Manager	(VM Activation) Closed Network Mode	Global Policies
FortiManager 200D	Yes	Yes	Yes	Yes	Yes	No	No	Yes
FortiManager 300D	Yes	Yes	Yes	Yes	Yes	No	No	Yes
FortiManager 1000D	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager 3900E	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager 4000E	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base	Yes	Yes	Yes	No	No	No	Yes	Yes
FortiManager VM Base + FMG-VM-10-UG	Yes	Yes	Yes	No	No	No	Yes	Yes
FortiManager VM Base + FMG-VM-100-UG	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
FortiManager VM Base + FMG-VM-1000-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-5000-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-U-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

ORDER INFORMATION

ADDITIONAL FORTIMANAGER ITEMS	
SKU	Description
FMG-200D	Centralized management, log and analysis appliance — 4x GE RJ45, 1 TB storage, manages up to 30 Fortinet network devices/administrative domains, up to 2 GB/day of logs.
FMG-300D	Centralized management, log and analysis appliance — 4x GE RJ45, 4 TB storage, manages up to 300 Fortinet devices/administrative domains, up to 2 GB/day of logs .
FMG-1000D	Centralized management, log and analysis appliance — 6x GE RJ45, 2x SFP slots, 8 TB storage, manages up to 1,000 Fortinet devices/administrative domains, up to 2 GB/day of logs.
FMG-3900E	Centralized management, log and analysis appliance — 2x GE RJ45, 2x 10 GE SFP+ slots, flash-based 15 TB SSD storage, dual power supplies, manages up to 10,000 Fortinet devices/administrative domains, up to 10 GB/day of Llogs.
FMG-4000E	Centralized management, log and analysis appliance — 4x GE RJ45, 2x GE SFP slots, 16 TB storage, dual power supplies, manages up to 4,000 Fortinet devices/administrative domains, up to 10 GB/day of logs.

ADDITIONAL FORTIMANAGER ITEMS	
SKU	Description
FC-10-FNDN1-139-01-12	1 Year Subscription for 1 User to Fortinet Developer Network
FC-10-FNDN2-139-02-12	1 Year Subscription for Unlimited Users to Fortinet Developer Network

FORTIMANAGER VIRTUAL APPLIANCES		
SKU	Licensed Network Devices (Maximum)	Description ⁴
Built-in Evaluation	10	Built-in 15-day EVAL license, no activation required.
Full Evaluation (60-days)	10,000	EVAL license. License and activation required.
FMG-VM-Base	10	Base license for stackable FortiManager VM. Manages up to 10 FortiGate devices/Administrative Domains, 1 GB/day of logs and 100 GB device quota. Designed for AWS, VMware vSphere and Microsoft Hyper-V platforms.
FMG-VM-10-UG	+10	Upgrade license for adding 10 FortiGate devices/Administrative Domains; allows for total of 2 GB/day of logs and 200 GB device quota.
FMG-VM-100-UG	+100	Upgrade license for adding 100 FortiGate devices/Administrative Domains; allows for total of 5 GB/day of logs and 1 TB device quota.
FMG-VM-1000-UG	+1,000	Upgrade license for adding 1,000 FortiGate devices/Administrative Domains; allows for total of 10 GB/day of logs and 4 TB device quota.
FMG-VM-5000-UG	+5,000	Upgrade license for adding 5,000 FortiGate devices/Administrative Domains; allows for total of 25 GB/day of logs and 8 TB device quota.
FMG-VM-U-UG	Unrestricted ⁵	Upgrade license for adding unlimited FortiGate devices/Administrative Domains; allows for total of 50 GB/day of logs and 16 TB device quota.

⁴ Unlimited virtual CPUs. Memory is not restricted up to the operating system limit of 4 GB (32-bit) / Unlimited (64-bit)
⁵ Limited in software to 10,000 devices/VDOMs.



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